

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Previously Presented): A pre-cast concrete block for constructing a staircase, which is formed in a triangle pillar, comprising a horizontal stepping surface, a rise surface perpendicular to the stepping surface, and a rear surface which connects diagonally the stepping surface and the rise surface at respective edges thereof, the rear surface having a recess for reducing the weight of the block, the recess having round parts (partially cylindrical recessed surface) with a specified radius at inner corner parts of the recess, and further, displacement prevention grooves in respective side surfaces of the block.
2. (Original): A block according to claim 1 further comprising another recess for reducing the weight of the block in the rise surface.
3. (Cancelled).
4. (Previously Presented): A method of constructing a staircase using the staircase block according to claim 1 or 2, comprising the steps of:

a first step of laying a foundation mortar on the tamped face of the inclined land, and

temporarily placing the staircase blocks on the foundation mortar;

a second step of producing a gap between the rear surface of the block and the upper surface of the foundation mortar by lifting the minimum angle side of the block by 3-4 cm with a camber;

a third step of leveling the corner of the rise surface of the staircase blocks by hammering it with a sand hammer while checking the horizon with a level placed on the front edge of the stepping surface of the block;

a fourth step of adjusting the slant angle of the stepping surface of the block by pushing and pulling the camber while checking the slant angle with a slant (a slant angle measuring device);

a fifth step of filling-up uniformly the gap produced in the second step with mortar;

sixth and seventh steps of filling-up the trace of the withdrawn camber with mortar, and inserting joint filler into the gap between adjacent blocks; and

a final step of finishing the joint and completing the construction work by cleaning residual sands and dusts.